

Title (en)

ARCHITECTURE FOR PROCESSING FINGERPRINT IMAGES

Title (de)

ARCHITEKTUR ZUM VERARBEITEN VON FINGERABDRUCKBILDERN

Title (fr)

ARCHITECTURE POUR LE TRAITEMENT D'IMAGES D'EMPREINTES DIGITALES

Publication

EP 1433120 A1 20040630 (EN)

Application

EP 02798103 A 20020829

Priority

- US 0227854 W 20020829
- US 95227601 A 20010913

Abstract (en)

[origin: WO03023693A1] An architecture for processing grey level images, comprising comparators for detecting gradients between pairs of pixels surrounding a selected pixel and subsequent combinatorial circuits for classifying the selected pixel into one of a number of categories (crest, valley, plateau, undecided). Suitable for the preprocessing of fingerprint images.

IPC 1-7

G06K 9/00; **G06K 9/56**

IPC 8 full level

G06T 7/00 (2006.01); **G06T 1/20** (2006.01); **G06T 7/60** (2006.01); **G06V 10/36** (2022.01)

CPC (source: EP US)

G06V 10/36 (2022.01 - EP US); **G06V 40/1347** (2022.01 - EP US)

Citation (search report)

See references of WO 03023693A1

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DOCDB simple family (publication)

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US 0227854 W 20020829; AT 02798103 T 20020829; CN 02817826 A 20020829; DE 60223826 T 20020829; EP 02798103 A 20020829; JP 2003527665 A 20020829; TW 91120722 A 20020911; US 88821604 A 20040709; US 95227601 A 20010913